

Converting Colors

XYZ(44.8519, 48.2782, 73.7585)

Have a look what the booklet for
XYZ(44.8519, 48.2782, 73.7585)
contains.

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Color

**XYZ(44.8700, 48.3500,
73.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBCDB
RGB	158, 188, 219
RGB Percent	62%, 74%, 86%
CMY	0.3804, 0.2627, 0.1412
CMYK	0.28, 0.14, 0.00, 0.14
HSL	210°, 46%, 74%
HSV	210°, 28%, 86%
XYZ	44.8700, 48.3500, 73.9854
YIQ	182.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

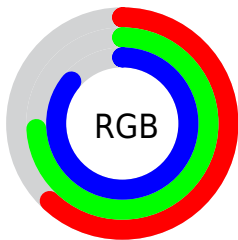
Format	Color
R_{YB}	158, 178, 219
Decimal	10403035
CIE _{Lab}	75.05, -3.11, -18.86
CIE _{LCh}	75, 19.111, 260.623
Yxy	48.3500, 0.2684, 0.2892
Android (android.graphics.Color)	4288593115 (0xFF9EBCDB)
YUV	182.5640, 17.9629, -21.5426
Hunter-Lab	69.5342, -6.4998, -14.4115

Details

The XYZ color **44.8700, 48.3500, 73.9854** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.5834, 53.9245, 39.9335**, and the grayscale version is **44.6881, 47.0154, 51.1997**.

A 20% lighter version of the original color is **78.1322, 86.2175, 107.1314**, and **21.1905, 23.0115, 38.4468** is the 20% darker color. If you saturate the color by 10%, you get **38.6538, 41.7521, 73.0403**, and if you desaturate by 10%, it is **52.0402, 55.7142, 75.0297**.

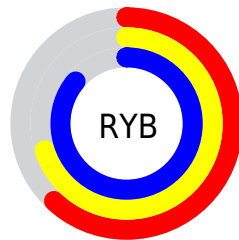
Distribution



Red (62%)

Green (74%)

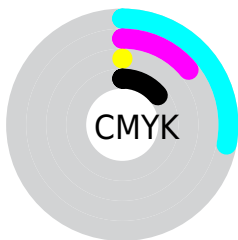
Blue (86%)



Red (62%)

Yellow (70%)

Blue (86%)

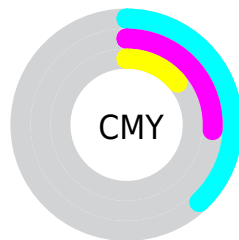


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (26%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8700, 48.3500, 73.9854 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.8700, 48.3500, 73.9854 by changing the saturation by 10% instead.

■ 44.8700, 48.3500,
73.9854

■ 44.8700, 48.3500,
73.9854

357.0394,
380.1778, 493.5850

■ 31.5559, 34.1041,
54.2854

■ 81.7636, 87.7253,
126.6090

■ 21.1764, 22.9736,
38.4351

■ 106.0737,
113.6235, 160.3696

■ 13.3662, 14.5740,
26.0161

134.7799,
144.1746, 199.6541

■ 7.7599, 8.5210,
16.6098

168.2476,
179.7631, 244.8812

■ 3.9922, 4.4301,
9.7977

206.8420,
220.7732, 296.4693

■ 1.6977, 1.9169,
5.1612

250.9285,

■ 0.4549, 0.5585,

267.5894, 354.8369

2.2818

300.8725,
320.5962, 420.4026

■ 0.0000, 0.0000,
0.7210

■ 0.0000, 0.0000,
0.0000

■ 44.8700, 48.3500,
73.9854

■ 44.8700, 48.3500,
73.9854

■ 38.6538, 41.7521,
73.0403

■ 52.0402, 55.7142,
75.0297

■ 33.3422, 35.8855,
72.1879

■ 60.2016, 63.8662,
76.1731

■ 28.8879, 30.7207,
71.4258

■ 69.3948, 72.8340,
77.4195

■ 25.2370, 26.2232,
70.7501

■ 79.6567, 82.6421,
78.7718

■ 22.3290, 22.3550,
70.1567

■ 86.2715, 90.8648,
80.0103

■ 20.0931, 19.0727,
69.6410

■ 89.7156, 97.7530,
81.1583

■ 18.4319, 16.3183,
69.1969

■ 89.7863, 97.8945,
81.1819

■ 18.1184, 15.7787,
69.1093

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.8261, 48.3500, 68.9501



44.8700, 48.3500, 73.9854



48.3607, 48.3500, 72.7686

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.8700, 48.3500, 73.9854



52.5294, 48.3500, 46.1590



40.9585, 48.3500, 41.3645

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.8700, 48.3500, 73.9854



53.5834, 53.9245, 39.9335

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.6309, 48.3500, 36.6221



44.8700, 48.3500, 73.9854



50.3475, 48.3500, 39.1371

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.8700, 48.3500, 73.9854



52.9026, 48.3500, 55.8403



47.0578, 48.3500, 35.8618



39.6444, 48.3500, 49.5739

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.8700, 48.3500, 73.9854



50.4664, 48.3500, 68.6289



47.0578, 48.3500, 35.8618



41.7212, 48.3500, 39.3580

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.8715, 48.3519, 73.9865



84.7206, 89.8973, 107.4944



48.5644, 61.5856, 57.1889



17.7407, 18.8531, 22.9539



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8715, 48.3519, 73.9865



58.4147, 63.0667, 103.7020



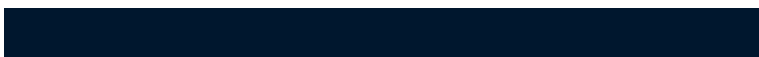
39.1149, 36.8388, 72.0677



12.8648, 13.6694, 16.6126



10.8524, 9.5742, 41.0144



0.7892, 0.7925, 2.6858

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.5187, 43.1461, 53.2444



67.6882, 55.0946, 69.5111



60.7174, 68.1926, 42.3116



13.3216, 13.1578, 14.9550



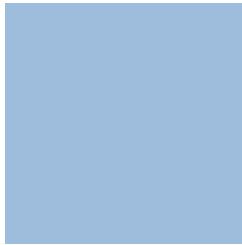
18.9731, 9.5903, 9.5044



1.2726, 0.6387, 0.8447

Previews

White Background



This preview shows how the XYZ color 44.8700, 48.3500, 73.9854 looks on a white background.

Color Contrast Check

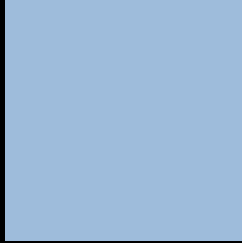
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.8700, 48.3500, 73.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

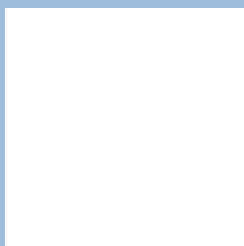
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8700, 48.3500, 73.9854

Background



This preview shows how black text looks on a background with the XYZ color 44.8700, 48.3500, 73.9854.



This preview shows how white text looks on a background with the XYZ color 44.8700, 48.3500,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.8700, 48.3500, 73.9854

Protanopia

47.6883, 48.2898, 71.7732

Deuteranopia

49.1396, 48.0533, 75.0919



Tritanopia

42.9505, 48.2033, 64.7980

Trichromacy



Original Color

44.8700, 48.3500, 73.9854

Protanomaly

46.6679, 48.3656, 72.5215

Deuteranomaly

47.5310, 48.1482, 74.4985

Tritanomaly

43.5408, 48.1163, 67.9653

Monochromacy



Original Color

44.8700, 48.3500, 73.9854

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7683, 47.6821, 59.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8700, 48.3500, 73.9854 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(158, 188, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 188, 219) }
```

Border

The CSS property to change the border of an element to XYZ 44.8700, 48.3500, 73.9854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 188, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 188, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(158, 188,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8700, 48.3500, 73.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 188, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
188, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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